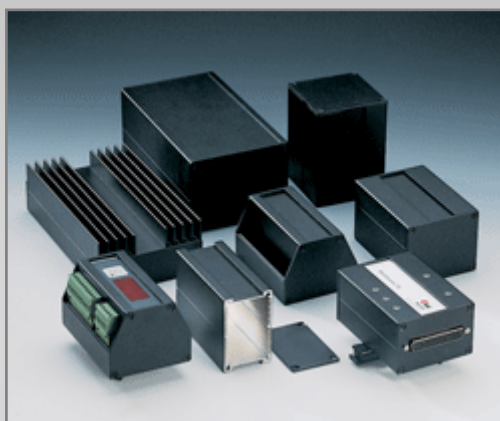


Multitronic TS Build-A-Box[®]

Extrusion-based Enclosure System



For Finishing Services, Product Support, or to Order

Call 1-301-696-9800



- Aluminum electronic enclosure for MCR technology
- Variable length version using profile technology
- Single or double-skinned enclosure construction with heat sink option

Technical data

Material:

DIN EN 573 EN AW-ALMgSi

Ingress protection:

IP 40 to EN 60529

Painting:

powder coating

Color:

RAL 9005, jet black

Temperature range:

-40°C to +100°C

Included in delivery

Enclosure with two aluminum lids, screwed.

Multitronic TS/TS-F

Programme range

Enclosure type	Order No.	Ext. encl. dimensions W x H x T (mm)	Weight (g)	max. PCB dimensions in mm	DIN rails	Wall mounting	Free print terminal/ plug connector access	Closed design
TS 111	77.01 11 00	46 x 105 x 72	197	42,6 x 100	•			•
TS 111-F	77.41 11 00	46 x 105 x 72	197	42,6 x 100	•			•
TS 112	77.01 12 00	46 x 105 x 72	220	42,6 x 100		•		•
TS 112-F	77.41 12 00	46 x 105 x 72	220	42,6 x 100		•		•
TS 121	77.01 21 00	46/76 x 105 x 61	630	42,6/72,6 x 100	•		•	
TS 121-F	77.41 21 00	46/76 x 105 x 61	630	42,6/72,6 x 100	•		•	
TS 122	77.01 22 00	46/76 x 105 x 61	240	42,6/72,6 x 100		•	•	
TS 122-F	77.41 22 00	46/76 x 105 x 61	240	42,6/72,6 x 100		•	•	
TS 141	77.01 41 00	46/105 x 105 x 57	410	42,6/100,6 x 100	•		•	
TS 141-F	77.41 41 00	46/105 x 105 x 57	410	42,6/105,6 x 100	•		•	
TS 142	77.01 42 00	46/105 x 105 x 57	300	42,6/100,6 x 100		•	•	
TS 142-F	77.41 42 00	46/105 x 105 x 57	300	42,6/100,6 x 100		•	•	
TS 221	77.02 21 00	76 x 105 x 51	300	72,6 x 100	•			•
TS 221-F	77.42 21 00	76 x 105 x 51	300	72,6 x 100	•			•
TS 222	77.02 22 00	76 x 105 x 51	224	72,6 x 100		•		•
TS 222-F	77.42 22 00	76 x 105 x 51	224	72,6 x 100		•		•
TS 231	77.02 31 00	76 x 105 x 64,5	700	72,6 x 100	•			•
TS 231-F	77.42 31 00	76 x 105 x 64,5	700	72,6 x 100	•			•
TS 232	77.02 32 00	76 x 105 x 64,5	235	72,6 x 100		•		•
TS 232-F	77.42 32 00	76 x 105 x 64,5	235	72,6 x 100		•		•
TS 331	77.03 31 00	76 x 105 x 78	270	72,6 x 100	•			•
TS 331-F	77.43 31 00	76 x 105 x 78	270	72,6 x 100	•			•
TS 332	77.03 32 00	76 x 105 x 78	290	72,6 x 100		•		•
TS 332-F	77.43 32 00	76 x 105 x 78	290	72,6 x 100		•		•
TS 441	77.04 41 00	105 x 185 x 45	700	100,6 x 180	•			•
TS 441-F	77.44 41 00	105 x 185 x 45	700	100,6 x 180	•			•
TS 442	77.04 42 00	105 x 185 x 45	420	100,6 x 180		•		•
TS 442-F	77.44 42 00	105 x 185 x 45	420	100,6 x 180		•		•
TS 461	77.04 61 00	105 x 185 x 66	660	100,6 x 180	•			•
TS 461-F	77.44 61 00	105 x 185 x 66	660	100,6 x 180	•			•
TS 462	77.04 62 00	105 x 185 x 66	480	100,6 x 180		•		•
TS-462-F	77.44 62 00	105 x 185 x 66	480	100,6 x 180		•		•
TS 662	77.06 62 00	105 x 185 x 87	730	100,6 x 180		•		•
TS-662-F	77.46 62 00	105 x 185 x 87	730	100,6 x 180		•		•

Accessories

Spare snap foot for TS 32 and TS 35 for snapping to enclosure	77.00 35 00
Snap foot plastic, for rail mounting on TS 35	77.00 35 01
Metal snap foot (set = 2 pcs.) for TS 35 for screwing onto enclosure	77.00 36 00
Table feet (set, self adhesive, black)	10.07 00 19
Mounting feet (2 pcs.), gray	07.70 00 81

Kind of mounting



Picture 1
Multitronic TS xx1
with snap foot



Picture 2
Multitronic TS xx1-F
Front plate version with snap foot

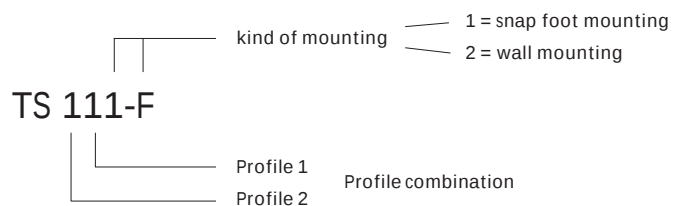


Picture 3
Multitronic TS xx2
Wall mounting



Picture 4
Multitronic TS xx2-F
Front plate version for wall mounting

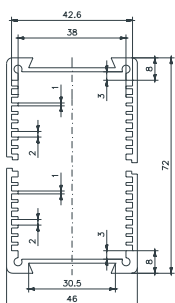
Mounting version	mounting side	type								
Snap foot mounting	profile side	TS 111	TS 221	TS 231	TS 331	TS 441	TS 461	TS 121	TS 141	pict. 1
Snap foot mounting	front plate side	TS 111-F	TS 221-F	TS 231-F	TS 331-F	TS 441-F	TS 461-F	TS 121-F	TS 141-F	pict. 2
Wall mounting	profile side	TS 112	TS 222	TS 232	TS 332	TS 442	TS 462	TS 662	TS 122	TS 142
Wall mounting	front plate side	TS 112-F	TS 222-F	TS 232-F	TS 332-F	TS 442-F	TS 462-F	TS 662-F	TS 122-F	TS 142-F



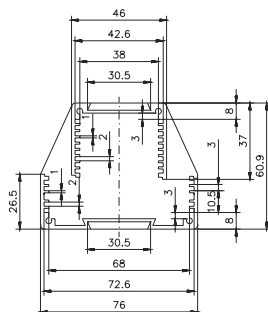
Multitronic TS / TS-F

Dimensions

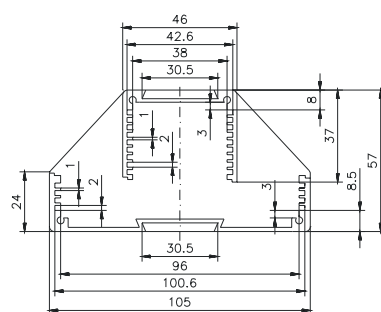
Standard profile length 100 mm



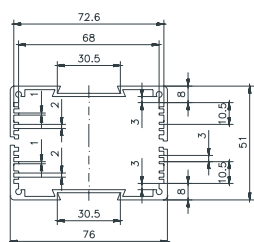
Multitronic TS 11X



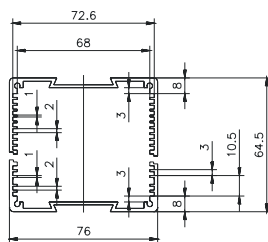
Multitronic TS 12X



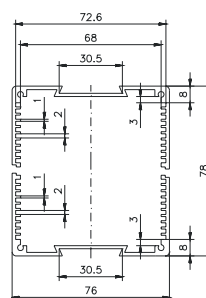
Multitronic TS 14X



Multitronic TS 22X

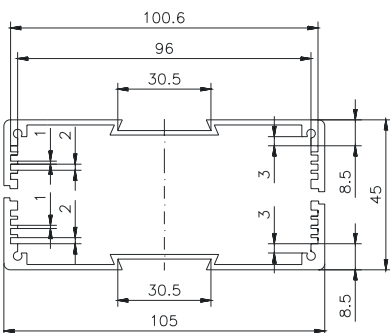


Multitronic TS 23X

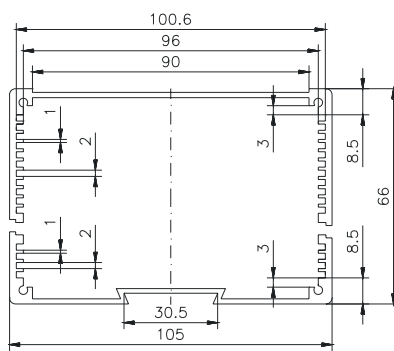


Multitronic TS 33X

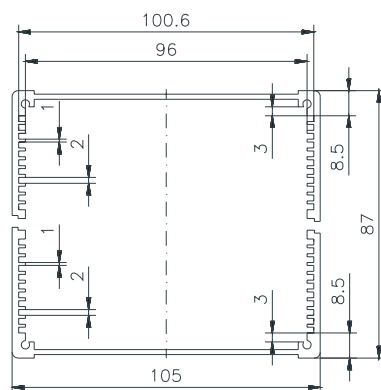
Standard profile length 180 mm



Multitronic TS 44X



Multitronic TS 46X

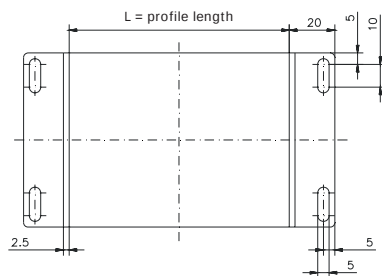


Multitronic TS 662

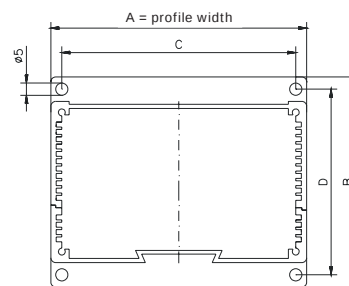
Dimensions

Type	A	B	C	D
77.41 12 00	72	66	64	56
77.41 22 00	76	81	68	71
77.41 42 00	105	77	96	67
77.42 22 00	76	71	68	61
77.42 32 00	76	84,5	68	74,5
77.43 32 00	76	98	68	88
77.44 42 00	105	65	96	55
77.44 62 00	105	86	96	76
77.46 62 00	105	107	96	97

Multitronic TS 111 to 662 with lid



Multitronic TS 112-F to 662-F



Accessories



Spare snap foot
for insert into dovetail groove suitable for TS 32
and TS 35

Order No. **77.00 35 00**



Plastic snap foot
for rail mounting on TS 35

Order No. **77.00 35 01**



Metal snap foot set (2 pcs.)
for screwing on lid / front plate
suitable for TS 35

Order No. **77.00 36 00**

